Original/Duplicate/Triplicate

P.W.G. 17 | 1st and final Bill | **CONTRACT CERTIFICATE** | Reference paras 158 & 170

NO

Division **Yelahanka** | Sub division **Yelahanka Sub Division** | Date

Bills received No | Date | Sub-divisional / Divisional | Cash book vr No | Date

Sheduled Docket No | Head of account

Name of work(as per sanctioned estimate) :- **NAME OF WORK Construction of Compound wall and other works to DWCC in ward no:01 of Yelahanka Sub Division**

Work Code:001-19-000032

Name of contractor and full address :- **Sri Krishna.S, No : 35, KHB Main Road, A Block, Kaveri Nagara, Bangalore**

Reference to agreement No :- **67** | **Estimated cost : 7.50** | **Work order No :67, dt:15/07/2019**

Certified that the measurments were taken by me on 12-03-2020 and recorded on pages 466415 to 466425 of measurment book No 4665 and the work is satisfactorily executed by the contractor.

Signature of contractor

Asst. Engineer

Certified that the measurments were taken by me on 12/03/2020 and recorded correct.The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional officer

Asst. Executive Engineer
Yelahanka Sub. Divison
(DBIPYnk. Zn)
Yelahanka, Bangalore

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within
2) Deduct amount to be held in reserve being-----percent Rs----------%--------- Balance---
3)
4) **Deduct payments**
   a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount
   b) Cost of payments/stores or other materials supplied now made recovery of
   Amount paid on this bill by cheque/cash
   Total
5). Balance being unpaid value of work done held in reserve
6) Deduct cash of advance made on divisional/sub divisional cash book
7) Net amount due to or from contractor.

UN ADJUSTED ITEMS

8) Advance to contractor for materials to site(as detailed within)
9) Value of government materials supplied.

TOTAL AMOUNT UN-ADJUSTED

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum
(in final settlement of all demand)

Witness
1)
2)

Reciept Stamp

Dated signature of contractor
paid by me cheque No dated

Cash Rs.....

Date | Initials of officer making payment | Date | Executive Engineer

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	2	3	4	5	6	7	8	9	10
1	Providing and fixing of sliding windows made of Galvanixed steel (Base steel as per IS 513, D quality, galvanized as per IS 277 with zinc of 120 GSM). The factory made section should be powder coated with prue polyester powder upto 50-60 microns thick with total coated thickness of 0.89mm for outer frame and 0.58mm thickness for sliding shutter section . the outer frame size for two tracks with grill provision is 90mmX50mm and without grill gprvision is of 75mmX50mm the window shutter section is of 58mmX36mm. the outer frame should have two integrated guide tracks of 12mm width and 24mm deep for provision to slide the shutter/sash frame ande facilitates with a water drain outlet thick plain float glass of rereputed make ad fixed with EPDM weathering each shtter. The section are to be cut to length meter joined with using anchor fasteners, silicon sealant applied at the outer frame corners. The cost is enclusive of conveyance of all materials, accessories, labour charges, and erection at site with complete finished item of work. page no 305 Item number 38.37 SR 2018-19	Sqm			27.45	3100.00	85095.00	27.45	85095.00
2	Fabricating supplying and erecting M.S. TubulerTruss of span upto 10m bottom and top member is provided with 50x50x6mm double equale angles, welded back to back and in between top and bottom line, in ereas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided all the members are weldeded toghter with 6mm gusset plate as per drawing, The enter truss is anchored in RCC column buy using 4Nos of M.S anchor bolts at eacth support, with 10mm thick base plate and shoe plate. The work includes cutting, straightening , pacing in position of M.S angle and welding wherever necessary, and applying one of red oxide primer coat to all the members including cost of all materials, labour charges,and higher charges of mechineries for cutting welding, granding and erection equipments, with all lead and lift, transportation, etc, complete as per specification. Page No. 43/ I No. 7.29/ PWD SR 2018-19	Kgs			2080.00	103.00	214240.00	2080.00	214240.00

Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
		Qty	Cost	Qty	Rate	Amount	Qty	Cost
PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron trapezoidal profiled sheet of approved make 1060mm width (1000mm cover width), 28-30 mm crest height with cest distance of 200 mm c/c with 2ribs at the center for stiffening , The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc –Alu Alloy coating AZ 150 gsm as pe ASTM 1397/A755-550 mpa steel grade. 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling /self tapping screws of 25mm length,to be fixed over the existing purlins, rafters channel and trusses. No. 300/ Item No. 38.30 PWD SR 2018-19	Sqm			50.50	720.00	36360.00	50.50	36360.00
4 Supply and delivery at site brand new submesible PUMPSET suitable for bore well of 150 mm dia and having declared duty conditions as detailed below and satisfying performances characteristics for pump and motor as declared by bureau of Indian standards. The pump should confirm to IS:8034-1970 (with all its latest amendments) and should bear the ISI mark 12.5 HP 20 stage (CRI Pumps) SR 2013-14 page xxxxII sl no 23)	Set			1.00	60000.00	60000.00	1.00	60000.00
5 Supply and Delivery of Galvanized Mild steel Heavy Class (C-Class) conforming to IS 1239-1979 PART-I/1979 with lastest amendments with ISI mark (one end fitted with ISI mark heavy duty collar and other end fitted with Protective cover) 50 mm dia50mm dia G I Pipe with heavy duty	Mtr			290.00	450.00	130500.00	290.00	130500.00
6 submersible Cable: Supply and Delivery of brand new best make PVC insulated cable of flat 3core (sheathed) of nominal cross sectional area containing to IS 894-1997 with latest amendments (as per SPD) 4 Square mm	Mtr			590.00	80.00	47200.00	590.00	47200.00
7 50 mm dia GI Collar Heavy duty	Mtr			50.00	140.00	7000.00	50.00	7000.00

	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
	eter and Panel Board: Supply and elivery of Meter and Panel Board: Meter Board unit one number of MS Box f size 300x120 mm size fabricated out of 2mm thick sheet metal with sealable door arrangement for munting the CTS (if any) cutouts 3phase dia 4 wire energy meter and cable box complete. A transparent glass piece should be provided where the energy meter reading could be read. Panel Board: One number of cubicle type of control panel board to operate on 50c/400/400v Upto 10 to 20 HP	Nos			1.00	7000.00	7000.00	1.00	7000.00
9	50mm dia G.I.N.R. Valve	Nos			1.00	300.00	300.00	1.00	300.00
10	Erection & Commissioning of work of pumpset including aligning and balancing with all necessary erection of materials and labour including supply and erection of two pair of supporting clamps, one borewell cap, cable clips and water tight gland cable protectors, bolts nuts valves and gauges etc, all job including fixing sluice valve, non return valve etc, and connecting delivery side of pumpset to rising main etc, complete.	Nos			1.00	500.00	500.00	1.00	500.00
11	KSRB 13.11.1: Providing and placing on terrace. Polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity) Specification NO. KBS 13.22 Page No. 96/ Item No. 13.78 / PWD SR 2018-19	Mtr			1.00	6000.00	6000.00	1.00	6000.00
12	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (internal work exposed on wall) -20mm nominal OD pipes. (P.No. 98, I.No. 13.85.2 of KPWD S.R 2018-19).	Mtr			10.00	130.00	1300.00	10.00	1300.00
	B) 25 mm nominal OD pipe	Mtr			10.00	190.00	1900.00	10.00	1900.00

	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
	SRB 13.6.4 Provding and fixng in position brass gate value with C I with wheel of approved quality (Screwed end) nominal bore including cost of all materials labour and HOM with all leads complete as per specifications. Page No 93 item no 13.32 13.33 20mm dia nominal bore SR 2018-19	Each			2.00	250.00	500.00	2.00	500.00
	B) 25 mm nominal bore	Each			2.00	350.00	700.00	2.00	700.00
14	KSRB 13.6.2 Provding and fixng in position brass stop cock of approved quality nominal bore including cost of all materials labour and HOM with all leads complete as per specifications. Page No 93 item no 13.26 SR 2018-19	Each			2.00	140.00	280.00	2.00	280.00
	B) 25mm nominal bore	Each			2.00	140.00	280.00	2.00	280.00
15	KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Europe type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P. V. C. flushing cistern (all are approved make) with fittings, C.I. / M.S. brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labours complete as per specifications.Specification No. KBS 79 Page No. item no 12.5 PWD SR 2018-19.	Sqm			2.00	5000.00	10000.00	2.00	10000.00
16	"SOLID PANEL PVC DOOR SHUTTER" Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm from styles and 15x15mm for top & bottom rails, covered with heat moulded PVC 'C' channel of 5mm thick sheet & 30 x 50 mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in charge fixed to frames with 3 nos of 75m.m. Aluminium hinges. Page No.60/ Item No. 9.83/ PWD SR 2018-19	Sqm			3.60	2500.00	9000.00	3.60	9000.00

Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
		Qty	Cost	Qty	Rate	Amount	Qty	Cost
SRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specificationsNo.KBS Page No. 75/ Item No. 11.50.1 PWD SR 2018-19	Nos			1.00	5000.00	5000.00	1.00	5000.00
				TOTAL		**623155.00**		**623155.00**
				GST Charges 12%		**74778.6**		**74778.6**
				TOTAL		**697933.60**		**697933.60**

Assistant Engineer
Ward No 01

Assistant Executive Engineer
Yelahanka Sub Division
BBMP, Bangalore-64